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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	Confirmation No. 5224
	)	
P.H. Bryant	)	Group No.: 2631
	)	
Serial No.: 10/612,175	)	Examiner: Unknown
	)	
Filed: 07/02/2003	)	Docket No. CHAOS1210
	)	
For: APPARATUS AND METHOD FOR LOCATING NONLINEAR IMPAIRMENTS IN A COMMUNICATION CHANNEL BY USE OF NONLINEAR TIME DOMAIN REFLECTOMETRY		

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CERTIFICATION UNDER 37 CFR § 1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on this date December 8, 2005 , in an envelope addressed to: Commissioner for Patents, Box 1450, Alexandria, VA. 22313-1450

December 8, 2005	Terrance A. Meador
Date	Signature

Mail Stop:
Commissioner for Patents
P. O. Box 1450
Alexandria, VA. 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicant hereby cites the document listed in the accompanying FORM PTO-1449 with respect to the above-referenced patent application filed herewith.

The Examiner is respectfully requested to make the listed documents of record in connection with the prosecution of the subject application.

Respectfully submitted,

Terrance A. Meador

Date: December 8, 2005

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,272,209	04/22/19970	Bridger et al	379	27	08/16/1999
		6,275,050	08/14/2001	Born et al	324	700	11/29/1999
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FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

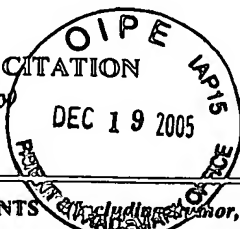|		
		United States Department of Agriculture Bulletin 1751H-501, Fundamentals of ISDN, Pages 1-26
		Conference Paper Proceedings of the 34th Meeting of IEEE Holm Conference on Electrical Contacts, 1988, IEEE Cat. No. 88CH2604-7, The Effects of Current on Stationary Contact Behavior, W.W. Bennett, Pages 267-276
		Physical Review B, Volume 43, Number 2, 15 January 1991-I, Degradation and Regeneration of Copper Electrical Junctions, Pages 1433-1440
		Conference Paper INTELEC, Tenth Int'l Telecommunications Energy Conference, 1988, IEEE Cat. No. 88CH2653-4, Sealing Current and Its Impact on ISDN Powering Requirements, Frantz and Taylor, Pages 151-155.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

		Docket Number (Optionon)	Application Number
INFORMATION DISCLOSURE CITATION		CHAOS1210	10/612,175
(Use several sheets if necessary)		Applicant(s)	
		P.H. Bryant	
		Filing Date	Group Art Unit
		07/02/2003	2631

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*EXAMINER INITIAL	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
	Splice-induced Impairments on Very-High-Speed Digital Data Communications Over Coper Telephone Networks, K. Sistanizadeh, Pages 3-15, UCLA Science & Engineering Library
	Analysis of the Noice Environment in Fugure Twisted-Pair Access Technologies, Magesacher, Haar, and Zukunft, Institute for Integrated Circuits - Bridgelab, Munich, Germany, paages 1-5
	Standard for ISDN-Basic Access Interface for Application on the Network Side of the NT, Layer 1 Specification, Sealing Current Provisioning, S.G. Ungar, TIE1.4 Technical Subcommittee Working Group Members, pages 1-26.
	BEST AVAILABLE COPY

EXAMINER	DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

P09B/REV04